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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	DAVIS, Philip
		Art Unit	
		Examiner Name	
Sheet 1	of 4	Attorney Docket Number	1019-2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
GCH	1	US- 6,510,631	01-28-2003	Baggarly	
GCH	2	US- 6,524,413	02-25-2003	Dowzall	
GCH	3	US- 6,490,818	12-10-2002	Bramhall	
GCH	4	US- 6,460,280	10-08-2002	Haines-Woon	
		US-			
GCH	5	US- 6,451,399	09-17-2002	Boyce	
GCH	6	US- 6,438,883	08-27-2002	Kacius	
		US-			
GCH	7	US- 6,418,700	07-16-2002	Parcels	
GCH	8	US- 6,402,878	06-11-2002	Bradford	
GCH	9	US- 6,395,125	05-28-2002	Bradford	
		US-			
GCH	10	US- 6,339,891	01-22-2001	Cox	
GCH	11	US- 6,305,112	10-23-2001	Hansen	
GCH	12	US- 6,209,248	04-03-2001	Reinhard	
GCH	13	US- 6,108,958	08-29-2000	Kofoed	
GCH	14	US- 6,052,933	04-25-2000	Lytle	
		US-			

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				

Examiner Signature	/Gary Hoge/	Date Considered	06/23/2006
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GCH	15	US- 5,832,646	11-10-1998	Albin	
GCH	16	US- 5,822,895	10-20-1998	Risdal	
GCH	17	US- 5,783,005	07-21-1998	Handler	
GCH	18	US- 5,669,593	09-23-1997	Kirchner	
GCH	19	US- 5,636,461	06-10-1997	Shewmaker	
GCH	20	US- 5,619,816	04-15-1997	Ellison	
GCH	21	US- 5,588,240	12-31-1996	Zilliox	
GCH	22	US- 5,546,685	08-20-1996	Gallagher	
GCH	23	US- 5,400,532	03-28-1995	Grove	
GCH	24	US- 5,398,376	03-21-1995	Pollack	
GCH	25	US- 5,383,293	01-24-1995	Royal	
GCH	26	US- 5,365,682	11-22-1994	Eubank	
GCH	27	US- 5,335,434	08-09-1994	Shultz	
GCH	28	US- 5,335,433	08-09-1994	Borden	
GCH	29	US- 5,309,642	05-10-1994	McGinnis	
GCH	30	US- 5,283,967	02-08-1994	Abrams	
GCH	31	US- 5,259,583	11-09-1993	Meredith	
GCH	32	US- D324,458	03-10-1992	Roberts	
GCH	33	US- 5,087,111	02-11-1992	Wessler	

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GCH	34	US- 5,077,921	01-07-1992	Mooney	
GCH	35	US- 5,058,297	10-22-1991	McGinnis	
GCH	36	US- 5,056,823	10-15-1991	Stancato	
GCH	37	US- 5,044,100	09-03-1991	Roberts, et al	
GCH	38	US- D319,150	08-20-1991	Biddlecom	
GCH	39	US- 5,025,579	06-25-1991	Krueger	
GCH	40	US- 4,998,363	03-12-1991	Vilims	
GCH	41	US- 4,993,953	02-19-1991	Stein	
GCH	42	US- 4,939,858	07-10-1990	Dailey	
GCH	43	US- D307,357	04-24-1990	Roberts	
GCH	44	US- D307,356	04-24-1990	Roberts	
GCH	45	US- 4,850,125	07-25-1989	Green	
GCH	46	US- 4,790,222	12-13-1988	Morgan	
GCH	47	US- 4,709,495	12-01-1987	Buckwalter	
GCH	48	US- 4,646,914	03-03-1987	Gipson	
GCH	49	US- 4,631,997	12-30-1986	Sobel	
GCH	50	US- 4,450,637	05-29-1984	Russ	
GCH	51	US- 4,450,636	05-29-1984	Lasurdo	
GCH	52	US- 4,428,135	01-31-1984	Sobel	

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td></td> </tr> <tr> <td>First Named Inventor</td> <td>DAVIS, Philip</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>1019-2</td> </tr> </table>	Application Number		Filing Date		First Named Inventor	DAVIS, Philip	Art Unit		Examiner Name		Attorney Docket Number	1019-2
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GCH	53	US- 4,438,578	03-27-1984	Logan	
GCH	54	US- 4,384,416	05-24-1983	Kanzelberger	
GCH	55	US- 4,368,584	01-18-1983	Logan	
GCH	56	US- 4,320,418	03-16-1982	Pavlisca	
GCH	57	US- 4,361,925	12-07-1982	Yamamoto, et al.	
GCH	58	US- 4,286,400	09-01-1981	MacPherson, et al.	
GCH	59	US- 4,270,288	06-02-1981	Sulzer	
GCH	60	US- 4,233,736	11-18-1980	Duggins, et al.	
GCH	61	US- 4,216,597	08-12-1980	Kocina, et al.	
GCH	62	US- 4,187,630	02-12-1980	Giulie, et al.	
GCH	63	US- 4,170,836	10-16-1979	Seufert	
GCH	64	US- 4,110,923	09-05-1978	Shore	
GCH	65	US- 4,070,780	01-31-1978	Rosenberg	
GCH	66	US- 4,045,266	08-30-1977	Hewitt, Jr.	
GCH	67	US- 3,973,343	08-10-1976	Tolfson	
GCH	68	US- 3,965,601	06-29-1976	Nielsen	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
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